

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Sumit ROY, et al.

Confirmation No.:

Application No.: 10/698,671

Examiner:

Filing Date: 10/30/03

Group Art Unit:

Title: SYSTEMS AND METHODS FOR SELECTING A PROVIDER TO SERVICE CONTENT  
REQUESTED BY A CLIENT DEVICE

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before  
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the  
pendency of this application, please charge any fees required or credit any overpayment to Deposit  
Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with  
any required copies of patents, publications or other information of which applicant(s) are aware, which  
applicant(s) believe(s) may be material to the examination of this application and for which there may be  
a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications  
and other foreign language information listed on PTO Form 1449, as presently understood by the  
individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the  
attached sheet, or where a foreign language patent is cited in a search report or other action by a  
foreign patent office in a counterpart foreign application, an English language version of the search  
report or action which indicates the degree of relevance found by the foreign office is listed on form PTO  
1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☒ I hereby certify that this correspondence is being  
deposited with the United States Postal Service  
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Typed Name: Desiree Caldwell

Signature: Desiree Caldwell

Respectfully submitted,

Sumit ROY, et al.

By John P. Wagner, Jr.

John P. Wagner, Jr.

Attorney/Agent for Applicant(s)

Reg. No. **35,398**

Date: **01/30/04**

Telephone No.: **(408) 938-9060**



## PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200313242-1

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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/JC/	1A	6,516,350	Feb. 4, 2003	Lumelsky, et al.	
	1B	6,442,165	Aug. 27, 2002	Sitaraman, et al.	
	1C	5,937,388	Aug. 10, 1999	Davis, et al.	
	1D	6,055,433	Apr. 25, 2000	Yuan, et al.	
	1E	6,463,454	Oct. 8, 2002	Lumelsky, et al.	
	1F	2003/0046396	Mar. 6, 2003	Richter, et al.	
/JC/	1G	2002/0152305	Oct. 17, 2002	Jackson, et al.	
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		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/JC/	1L	EP1035718A1	13/09/2000	Lucent technologies		
/JC/	1M	WO02/058396	25/07/2002	Streamworks Tech		
	1N					
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	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

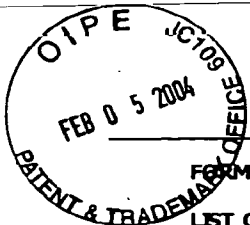
/JC/	1Q	"INTERNET STREAMING MEDIA ALLIANCE IMPLEMENTATION SPECIFICATION", Version1.0; August 28, 2001; Internet Streaming Media Alliance (ISMA); 68 pages.
/JC/	1R	M. Handley, et al.; "SDP: SESSION DESCRIPTION PROTOCOL"; copyright: The Internet Society (1998); April 1998; 40 Pages.
/JC/	1S	Don Box, et al.; "SIMPLE OBJECT ACCESS PROTOCOL (SOAP) 1.1"; May 8, 2000; W3C; 35 pages.

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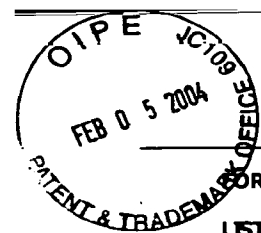
1Q	Elan Amir, et al.; "AN ACTIVE SERVICE FRAMEWORK AND ITS APPLICATION TO REAL-TIME MULTIMEDIA TRANSCODING"; available at <a href="http://www.net-tech.bbn.com/smtprts/baltimore/index.html">www.net-tech.bbn.com/smtprts/baltimore/index.html</a> ; 12 pages.
1R	Michael Harville, et al.; "AN ARCHITECTURE FOR COMPONENTIZED, NETWORK-BASED MEDIA SERVICES"; Hewlett-Packard Laboratories, Palo Alto, CA; 7 pages.
1S	Michael Harville, et al.; "AN ARCHITECTURE FOR COMPONENTIZED, NETWORK-BASED MEDIA SERVICES" Streaming Media Systems Group, HP Labs, Palo Alto, CA; 4 pages.

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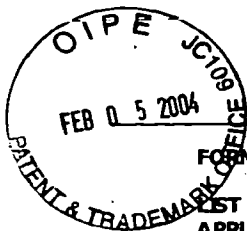
/JC/	1Q	Takeshi Yoshimura, et al.; "MOBILE STREAMING MEDIA CDN ENABLED BY DYNAMIC SML"; May 7-11, 2002; Honalulu, Hawaii; pages 651-661.
/JC/	1R	Susie J. Wee, et al.; "FIELD-TO-FRAME TRANSCODING WITH SPATIAL AND TEMPORAL DOWNSAMPLING"; IEEE International conference on Image Processing, Kobe, Japan, October 1999; 5 pages.
/JC/	1S	Sumit Roy, et al.; "APPLICATION LEVEL HAND-OFF SUPPORT FOR MOBILE MEDIA TRANSCODING SESSIONS"; NOSSDAV 2002, May 12-14, 2002, Miami, Florida; 10 pages.

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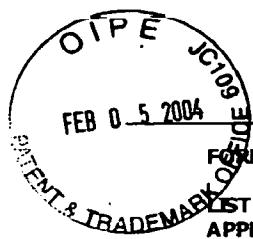
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/JC/	1S	3GPP TS 26.234 V5.0.0 (2000-03); 3rd Generation Partnership Project: Technical Specification Group Services and System Aspects; Transparent end-to-end packet switched streaming service (PSS); Protocols and codecs (Release 5).

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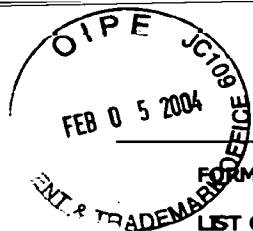
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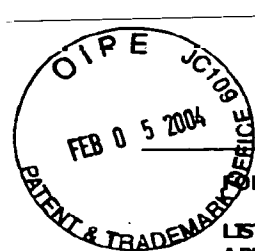
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	1R	Wei Tsang Ooi, et al.; "DESIGN AND IMPLEMENTATION OF PROGRAMMABLE MEDIA GATEWAYS"; Department of Computer Science, Cornell University, Ithaca, NY; 8 pages.
	1S	Wei-Ying Ma, et al.; "CONTENT SERVICES NETWORK: THE ARCHITECTURE AND PROTOCOLS"; 9 Pages.

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	1Q	Roger Karrer, et al.; "DYNAMIC HANDOFF OF MULTIMEDIA STREAMS"; Institute of Computer Systems, ETH Zurich, 5 pages.
	1R	ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JC/ REFERENCES NOT CONSIDERED DO NOT COMPLY WITH 37 C.F.R. FOR FAILING TO INCLUDE A DATE.
	1S	

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